

Notice of Allowability

Application No.

10/750,284

Examiner

William C. Choi

Applicant(s)

RUSSELL, ANDREW IAN

Art Unit

2873

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1-22.
3. ☒ The drawings filed on 31 December 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).


* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 0904
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date ____.
7. ☒ Examiner's ~~Amendment~~/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.


Georgia Epps
Supervisory Patent Examiner
Technology Center 2800
Notice of Allowability

EXAMINER'S COMMENT

The information disclosure statement filed September 28, 2004 fails to comply with 37 CFR 1.98(a)(3) because it does not include a concise explanation of the relevance of Japanese publication 62-292880, as it is presently understood by the individual designated in 37 CFR 1.56(c) most knowledgeable about the content of the information, of this publication listed that is not in the English language. It has been placed in the application file, but the information referred to in said publication has not been considered, which is indicated by a line through the reference.

Allowed Claims: 1-22.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance: none of the prior art either alone or in combination disclose or teach of the claimed combination of limitations to warrant a rejection under 35 USC 102 or 103.

Specifically, with respect to independent claim 1, none of the prior art alone or in combination disclose or teach of a method for providing a dithered image in a digital light processing system, comprising transmitting, receiving and selectively passing a first and second light beam as claimed, specifically wherein the wavelength of said first and second light beams are spectrally proximate and wherein said method comprises passively passing the first portion of the first beam along a projection path and the

second portion along an offset path; and directing the first and second portions to a screen to provide a dithered image.

Specifically, with respect to independent claim 4, none of the prior art alone or in combination disclose or teach of a method for providing a dithered image, comprising transmitting and selectively passing first and second light beams received along a projection path as claimed, specifically further wherein the first and second beams have disparate respective first and second peak wavelengths and wherein said method comprises passively passing the first portion of the first beam along the projection path and the second portion along an offset path.

Specifically, with respect to independent claim 13, none of the prior art alone or in combination disclose or teach of a projector system for providing a dithered image, comprising a light source, a spatial light modulator and a dithering element as claimed, specifically wherein the light source is capable of transmitting at least a first and second light beams at disparate wavelengths and wherein the dithering element passively passes the first portion of the first beam along a projection path and the second portion of the second beam along an offset path.

CONCLUSION

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Fergason (U.S. 6,184,969 B1) is being cited herein to show a method for providing a dithered image comprising some of the steps of that of the claimed invention, but does not specifically disclose the transmission of both first and


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second light beams with spectrally proximate wavelengths to provide a dithered image as claimed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William C. Choi whose telephone number is (571) 272-2324. The examiner can normally be reached on Monday-Friday from about 9:00 am to 6 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Georgia Y. Epps can be reached on (571) 272-2328. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


William Choi
Patent Examiner
Art Unit 2873
February 2, 2005


Georgia Epps
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